



PATENT
Attorney Docket No. 12-0887

IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/448,175)
)
Filing Date: November 24, 1999)
)
Inventor(s): Hanna S-H Hsu, et al.)
)
Group Art Unit: 2634)
)
Examiner Name: Odom, Curtis B.)
)
Customer No.: 27160)
)
Title: POLYPHASE FILTER WITH)
STACK SHIFT CAPABILITY)

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date.

Oct 27, 2004
Date

John S. Paniaguas
John S. Paniaguas
Registration No. 31,051
Attorney for Applicant(s)

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Technology Center 2600

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Official Action mailed on June 22, 2004, please amend the above-identified application as follows.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

2634/41
PATENT APPLICATION

Attorney Docket No. 12-0887

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hanna S-H Hsu, et al.

Application No.: 09/448,175

Filed: November 24, 1999

For: POLYPHASE FILTER WITH STACK SHIFT
CAPABILITY

Group Art Unit: 2634

Examiner: Odom, Curtis B.

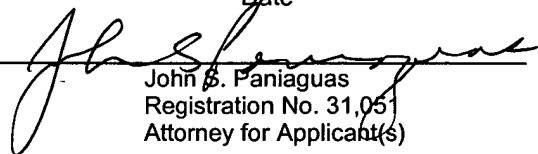
Customer No.: 27160

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date.

Oct 22, 2004

Date


John B. Paniaguas
Registration No. 31,051
Attorney for Applicant(s)

AMENDMENT TRANSMITTAL

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Technology Center 2600

Dear Sir:

Transmitted herewith is an Amendment in the above-identified application.

1. () A paper requesting correction/substitution of drawings is attached.

2. Fee for Claims

(X) No additional fee is required.

The fee for additional claims in accordance with 37 C.F.R. §1.16(b)-(d) has been calculated as shown below:

				SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amendment	Highest No. Previously Paid for		Present Extra	Rate	Additional Fee	
Total		Minus		--	x 9	--	x 18
Indep.		Minus		--	x 42	--	x 84
Fee for Multiple Dependent Claims					+140		+280
TOTAL ADDITIONAL FEES						OR	-----

3. **Method of Payment of Fees**

() Enclosed is our firm check in the amount of: \$ _____

() Charge \$ _____ to Deposit Account No. 50-1214.

4. (X) The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 50-1214. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-1214. This sheet is filed in duplicate.

Respectfully Submitted,

Oct 22, 2004
(Date)

By:

John S. Paniaguas
John S. Paniaguas
Registration No. 31,051

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